

Areal average surface and bottom salinity and salinity anomalies for the 2005 NEFSC cruises
in the five regions of the northeast continental shelf.

| Cruise | CD | SURFACE | | | | | | BOTTOM | | | | | |
|---------------------------|-----|---------|-------|---------|------|------|------|--------|-------|---------|------|------|------|
| | | #obs | Salt | Anomaly | SDV1 | SDV2 | Flag | #obs | Salt | Anomaly | SDV1 | SDV2 | Flag |
| Gulf of Maine West | | | | | | | | | | | | | |
| DEL0501 | 29 | 17 | 32.28 | -0.75 | 0.17 | 0.47 | 1 | 15 | 32.88 | -0.60 | 0.14 | 0.43 | 1 |
| ALB0503 | 106 | 43 | 31.90 | -0.63 | 0.10 | 0.63 | 0 | 40 | 32.99 | -0.40 | 0.08 | 0.37 | 0 |
| ALB0504 | 128 | 115 | 31.86 | -0.94 | 0.06 | 0.44 | 1 | 110 | 32.76 | -0.51 | 0.05 | 0.40 | 1 |
| ALB0505 | 156 | 27 | 31.37 | -0.71 | 0.12 | 0.63 | 0 | 21 | 32.92 | -0.34 | 0.11 | 0.50 | 0 |
| ALB0506 | 215 | 12 | 31.24 | -0.54 | 0.20 | 1.18 | 1 | 12 | 32.07 | -0.57 | 0.17 | 0.99 | 1 |
| ALB0507 | 234 | 43 | 31.20 | -0.82 | 0.13 | 0.83 | 1 | 33 | 33.40 | -0.16 | 0.12 | 0.92 | 1 |
| DEL0512 | 266 | 67 | 31.47 | -0.67 | 0.08 | 0.34 | 1 | 66 | 33.49 | -0.08 | 0.07 | 0.54 | 1 |
| ALB0508 | 300 | 43 | 31.95 | -0.67 | 0.10 | 0.57 | 0 | 41 | 33.52 | -0.10 | 0.08 | 0.39 | 0 |
| ALB0509 | 321 | 17 | 31.95 | -0.75 | 0.18 | 0.44 | 1 | 13 | 33.50 | 0.09 | 0.16 | 0.81 | 1 |
| Gulf of Maine East | | | | | | | | | | | | | |
| DEL0501 | 31 | 14 | 31.85 | -1.06 | 0.17 | 0.63 | 1 | 28 | 33.48 | -0.52 | 0.14 | 0.69 | 1 |
| ALB0503 | 103 | 34 | 32.03 | -0.42 | 0.12 | 0.21 | 0 | 28 | 33.78 | -0.21 | 0.10 | 0.46 | 0 |
| ALB0505 | 155 | 17 | 31.63 | -0.72 | 0.16 | 0.40 | 0 | 12 | 33.56 | -0.41 | 0.14 | 0.58 | 0 |
| ALB0506 | 213 | 6 | 31.82 | -0.70 | 0.22 | 1.96 | 1 | 7 | 32.31 | -0.30 | 0.20 | 1.56 | 1 |
| ALB0507 | 234 | 45 | 32.04 | -0.28 | 0.15 | 1.16 | 1 | 36 | 34.10 | 0.15 | 0.13 | 1.20 | 1 |
| DEL0511 | 240 | 3 | 31.46 | -1.04 | 0.31 | 0.62 | 1 | 3 | 32.84 | 0.17 | 0.31 | 0.65 | 1 |
| DEL0512 | 261 | 28 | 31.79 | -0.60 | 0.12 | 0.62 | 1 | 28 | 34.16 | -0.08 | 0.10 | 0.88 | 1 |
| ALB0508 | 291 | 31 | 32.21 | -0.38 | 0.14 | 0.45 | 0 | 29 | 34.21 | 0.12 | 0.11 | 0.44 | 0 |
| ALB0509 | 320 | 23 | 32.27 | -0.45 | 0.14 | 0.45 | 1 | 16 | 34.04 | -0.11 | 0.13 | 0.78 | 1 |
| Georges Bank | | | | | | | | | | | | | |
| DEL0501 | 33 | 28 | 32.46 | -0.44 | 0.12 | 0.31 | 1 | 26 | 32.48 | -0.57 | 0.12 | 0.29 | 1 |
| ALB0502 | 55 | 7 | 32.43 | -0.58 | 0.25 | 0.91 | 1 | 6 | 32.43 | -0.69 | 0.27 | 1.07 | 1 |
| ALB0503 | 94 | 24 | 32.36 | -0.57 | 0.12 | 0.34 | 0 | 22 | 32.61 | -0.55 | 0.13 | 0.44 | 0 |
| ALB0504 | 128 | 24 | 32.17 | -0.74 | 0.13 | 0.24 | 1 | 24 | 32.32 | -0.63 | 0.12 | 0.19 | 1 |
| ALB0505 | 153 | 32 | 32.32 | -0.51 | 0.11 | 0.66 | 0 | 26 | 32.51 | -0.64 | 0.13 | 0.61 | 0 |
| ALB0506 | 211 | 60 | 32.02 | -0.62 | 0.09 | 0.43 | 0 | 60 | 32.43 | -0.52 | 0.10 | 0.38 | 0 |
| DEL0510 | 216 | 25 | 32.28 | -0.73 | 0.14 | 0.32 | 1 | 5 | 33.91 | 0.73 | 0.32 | 1.36 | 1 |
| ALB0507 | 230 | 40 | 32.04 | -0.65 | 0.10 | 0.52 | 0 | 32 | 32.59 | -0.45 | 0.13 | 0.55 | 0 |
| DEL0511 | 240 | 10 | 31.74 | -0.79 | 0.17 | 0.29 | 1 | 10 | 32.32 | -0.28 | 0.17 | 0.28 | 1 |
| DEL0512 | 266 | 26 | 31.89 | -0.61 | 0.11 | 0.16 | 1 | 26 | 32.20 | -0.44 | 0.11 | 0.23 | 1 |
| ALB0508 | 283 | 47 | 32.34 | -0.41 | 0.09 | 0.55 | 0 | 42 | 32.76 | -0.27 | 0.11 | 0.49 | 0 |
| ALB0509 | 318 | 35 | 32.17 | -0.57 | 0.10 | 0.22 | 0 | 28 | 32.53 | -0.46 | 0.13 | 0.40 | 0 |
| MAB North | | | | | | | | | | | | | |
| ALB0502 | 51 | 25 | 32.28 | -0.84 | 0.17 | 0.36 | 0 | 16 | 32.72 | -0.78 | 0.20 | 0.48 | 0 |
| ALB0503 | 82 | 53 | 32.05 | -0.80 | 0.13 | 0.79 | 0 | 49 | 32.66 | -0.71 | 0.14 | 0.66 | 0 |
| DEL0505 | 89 | 4 | 32.36 | -0.96 | 0.47 | 1.39 | 1 | 3 | 32.53 | -1.21 | 0.48 | 1.87 | 1 |
| ALB0505 | 149 | 26 | 31.83 | -0.71 | 0.17 | 1.09 | 0 | 24 | 32.42 | -0.75 | 0.17 | 0.90 | 0 |
| ALB0506 | 218 | 19 | 31.50 | -0.71 | 0.23 | 0.55 | 0 | 19 | 32.66 | -0.44 | 0.21 | 0.63 | 0 |
| ALB0507 | 227 | 21 | 31.36 | -1.07 | 0.17 | 0.68 | 0 | 16 | 32.94 | -0.34 | 0.18 | 0.73 | 0 |
| ALB0508 | 270 | 55 | 32.17 | -0.45 | 0.12 | 0.51 | 0 | 50 | 32.84 | -0.56 | 0.13 | 0.61 | 0 |
| DEL0514 | 309 | 5 | 34.36 | 0.17 | 0.43 | 1.76 | 1 | 1 | 34.86 | 0.19 | 0.82 | nd | 1 |
| ALB0509 | 315 | 25 | 32.20 | -0.75 | 0.16 | 0.49 | 0 | 17 | 33.12 | -0.39 | 0.18 | 0.51 | 0 |
| MAB South | | | | | | | | | | | | | |
| ALB0502 | 42 | 50 | 32.74 | -0.92 | 0.15 | 0.58 | 0 | 31 | 32.89 | -0.80 | 0.16 | 0.62 | 0 |
| ALB0503 | 73 | 84 | 32.21 | -0.83 | 0.11 | 1.36 | 0 | 76 | 32.88 | -0.52 | 0.11 | 1.22 | 0 |
| DEL0505 | 87 | 14 | 31.96 | -1.13 | 0.26 | 0.65 | 1 | 10 | 32.15 | -1.36 | 0.26 | 0.80 | 1 |
| ALB0505 | 146 | 34 | 31.48 | -0.63 | 0.17 | 0.83 | 0 | 32 | 31.60 | -1.58 | 0.15 | 0.58 | 1 |
| ALB0506 | 199 | 70 | 30.99 | -1.00 | 0.11 | 0.81 | 1 | 70 | 32.94 | -0.39 | 0.10 | 0.80 | 1 |
| ALB0507 | 226 | 5 | 30.06 | -1.74 | 0.45 | 0.75 | 1 | 5 | 33.34 | 0.29 | 0.35 | 1.12 | 1 |
| ALB0508 | 261 | 75 | 31.79 | -0.41 | 0.11 | 1.15 | 0 | 70 | 32.27 | -0.79 | 0.11 | 1.17 | 0 |
| DEL0514 | 308 | 21 | 34.41 | 0.04 | 0.22 | 0.83 | 1 | nd | nd | nd | nd | nd | nd |

CRUISE, the code name for a cruise; "CD", the calendar mid-date of all the stations within a region for a cruise; "#obs", the number of observations included in each average; "Salt", the areal average salinity; "Anomaly", the areal average salinity anomaly; "SDV1", the standard deviation associated with the average salinity anomaly; "SDV2", the standard deviation of the individual anomalies from which the average anomaly was derived; "Flag", a value of "1" indicates that a true areal average could not be calculated due to poor station coverage. The areal averages listed were derived from a simple average of the observations within the region. "nd", no data.